



DATE: March 19, 2004 SHEET 1_ of 1_

Form PTO-1449 (Modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98 (b))

ATTY. DOCKET NO.

7097.US.01

SERIAL NO.

10/619,532

APPLICANT

Pradip Mukerji & Suzette L. Pereira

FILING DATE

July 15, 2003

GROUP

1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
WWM	A1	6 1 4 0 4 8 6	10/31/2000	Facciotti, et al.			
WWM	A2	6 5 6 6 5 8 3	05/20/2003	Facciotti, et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLI- CATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION
							YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

WWM	C1	Allen, E.E., et al., "Monounsaturated but Not Polyunsaturated Fatty Acids Are Required for Growth of the Deep-Sea Bacterium <i>Photobacterium profundum</i> SS9 at High Pressure and Low Temperature", <i>Appl. And Env. Microbiol.</i> , 65(4):1710-1720 (1999)
WWM	C2	Kendrick, A. & Ralledge, C., "Lipids of Selected Molds Grown for Production of n-3 and n-6 Polyunsaturated Fatty Acids", <i>LIPIDS</i> , 27(1):15-20 (1992)
WWM	C3	Knutzon, D.S., et al., "Identification of 5-Desaturase from <i>Mortierella Alpina</i> by Heterologous Expression in Bakers' Yeast and Canola", <i>J. Biol. Chem.</i> , 273(45):29360-29366 (1998)
WWM	C4	Huang, Y-S., et al., "Cloning of 12- and 6-Desaturases from <i>Mortierella alpina</i> and Recombinant Production of γ -Linolenic Acid in <i>Saccharomyces cerevisiae</i> ", <i>Lipids</i> , 34(7):649-659 (1999)
WWM	C5	Metz, J.G., "Production of Polyunsaturated Fatty Acids by Polyketide Synthases in Both Prokaryotes and Eukaryotes", <i>Science</i> , 293:290-293 (2001)
WWM	C6	Monta, N., et al., "Cloning and sequencing of clustered genes involved in fatty acid biosynthesis from the docosahexaenoic acid-producing bacterium, <i>Vibrio marinus</i> strain MP-1", <i>Biotechnology Letters</i> , 21:641-646 (1999)
WWM	C7	Parker-Barnes, J. M., et al., "Identification and characterization of an enzyme involved in the elongation of n-6 and n-3 polyunsaturated fatty acids", <i>PNAS</i> , 97(15):8284-8289 (2000)
WWM	C8	Qiu, X., et al., "Identification of a 4 Fatty Acid Desaturase from <i>Thraustochytrium</i> sp. Involved in the Biosynthesis of Docosahexanoic Acid by Heterologous Expression in <i>Saccharomyces cerevisiae</i> and <i>Brassica juncea</i> ", <i>J. Biol. Chem.</i> , 276(34):31561-31566 (2001)
WWM	C9	Tanaka, M., et al., "Isolation of clustered genes that are notably homologous to the eicosapentaenoic acid biosynthesis gene cluster from the docosahexaenoic acid-producing bacterium <i>Vibrio marinus</i> strain MP-1", <i>Biotechnol. Ltrs.</i> , 21:939-945 (1999)
WWM	C10	Watanabe, K., et al., "Fatty Acid Synthesis of an Eicosapentaenoic Acid-Producing Bacterium: <i>De Novo</i> Synthesis, Chain Elongation, and Desaturation Systems", <i>J. Biochem.</i> , 122(2):467-473 (1997)
WWM	C11	Yazawa, K., "Production of Eicosapentaenoic Acid from Marine Bacteria", <i>Lipids</i> , 31(Suppl):S297-S300 (1996)

EXAMINER

/William W. Moore/

DATE CONSIDERED

05/23/2006

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete If Known

Application Number	10/619,532
Filing Date	July 15, 2003
First Named Inventor	Mukerji et al.
Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WWM	1	US-2002/0194641	12/19/2002	Metz et al.	
WWM	2	US-2002/0194641	12/19/2002	Metz et al.	Redacted

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² ; Number ² ; Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		PCT -				
		-				

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner Initials*	Cite No. ¹	

Examiner Signature	/William W. Moore/	Date Considered	05/23/2006
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*EXAMINER: Initial if reference is considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant.